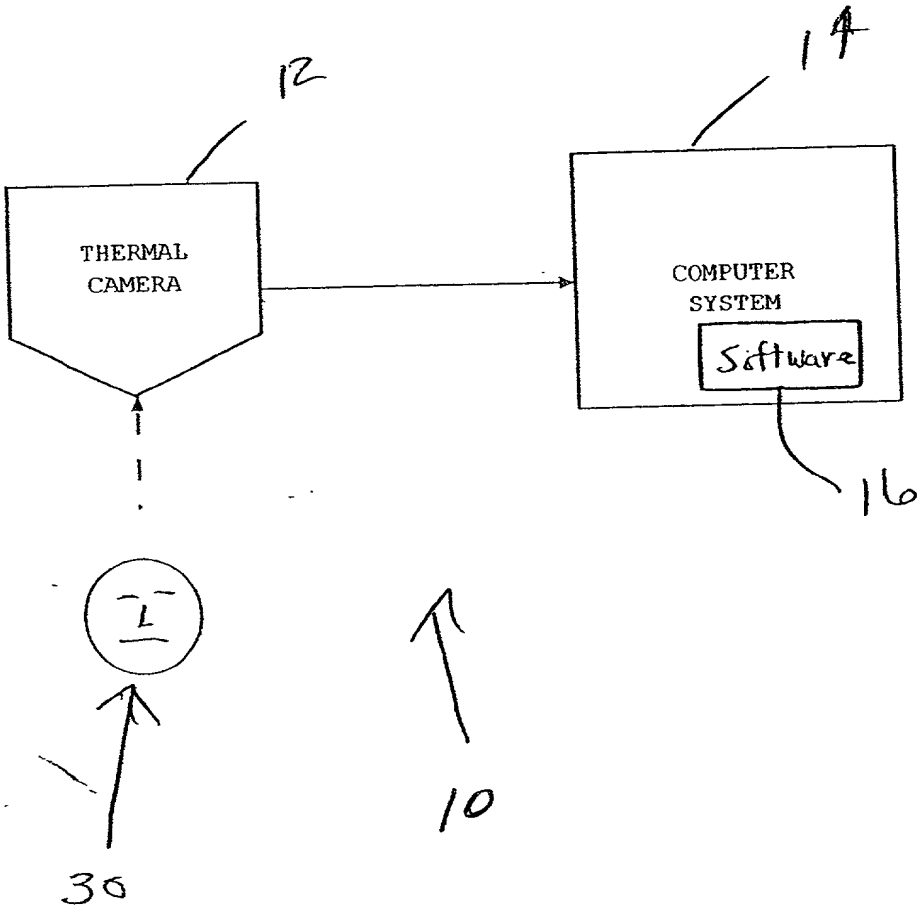
FIGURE 1



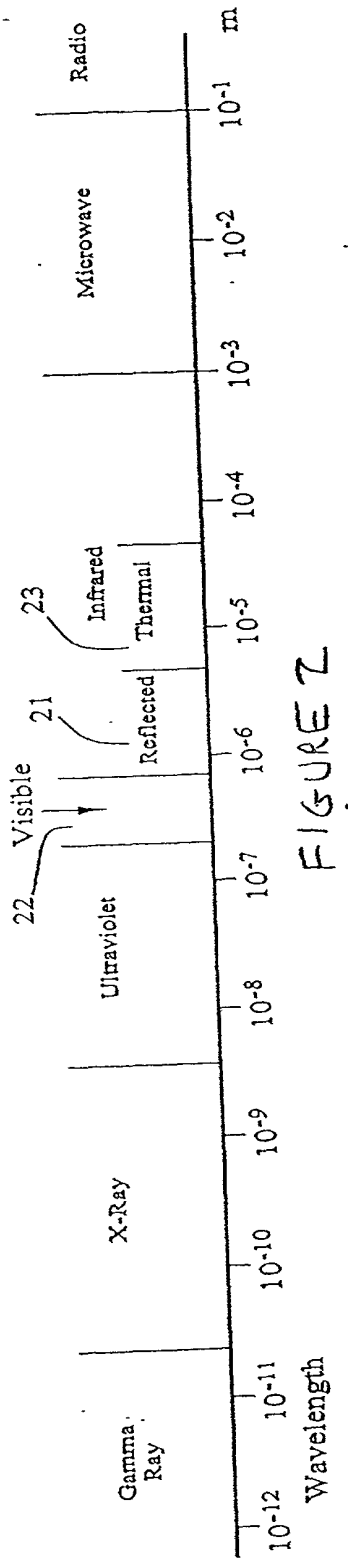
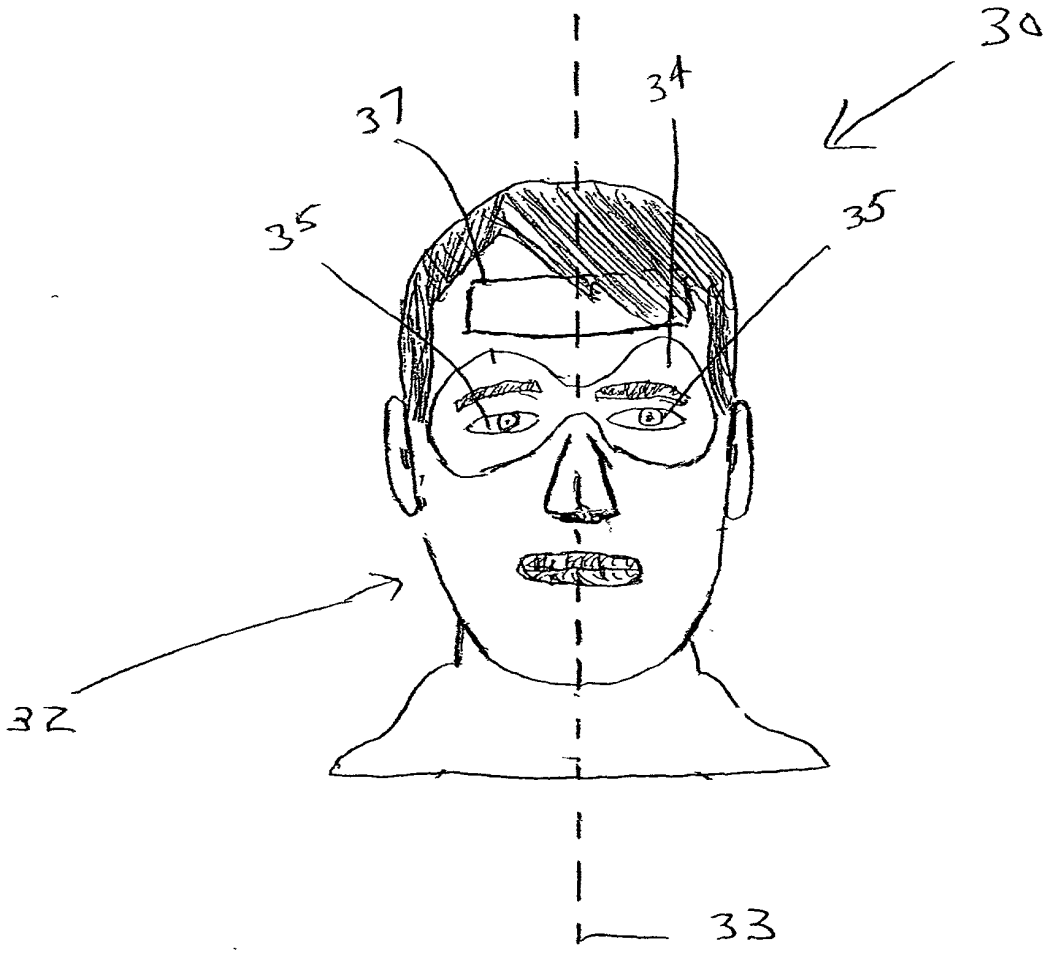

Radio
Microwave
Infrared
Thermal
Reflected
Visible
Ultraviolet
X-Ray
Gamma Ray
23
21
22
$10^{-1}$
$10^{-2}$
$10^{-3}$
$10^{-4}$
$10^{-5}$
$10^{-6}$
$10^{-7}$
$10^{-8}$
$10^{-9}$
$10^{-10}$
$10^{-11}$
$10^{-12}$
m
Wavelength

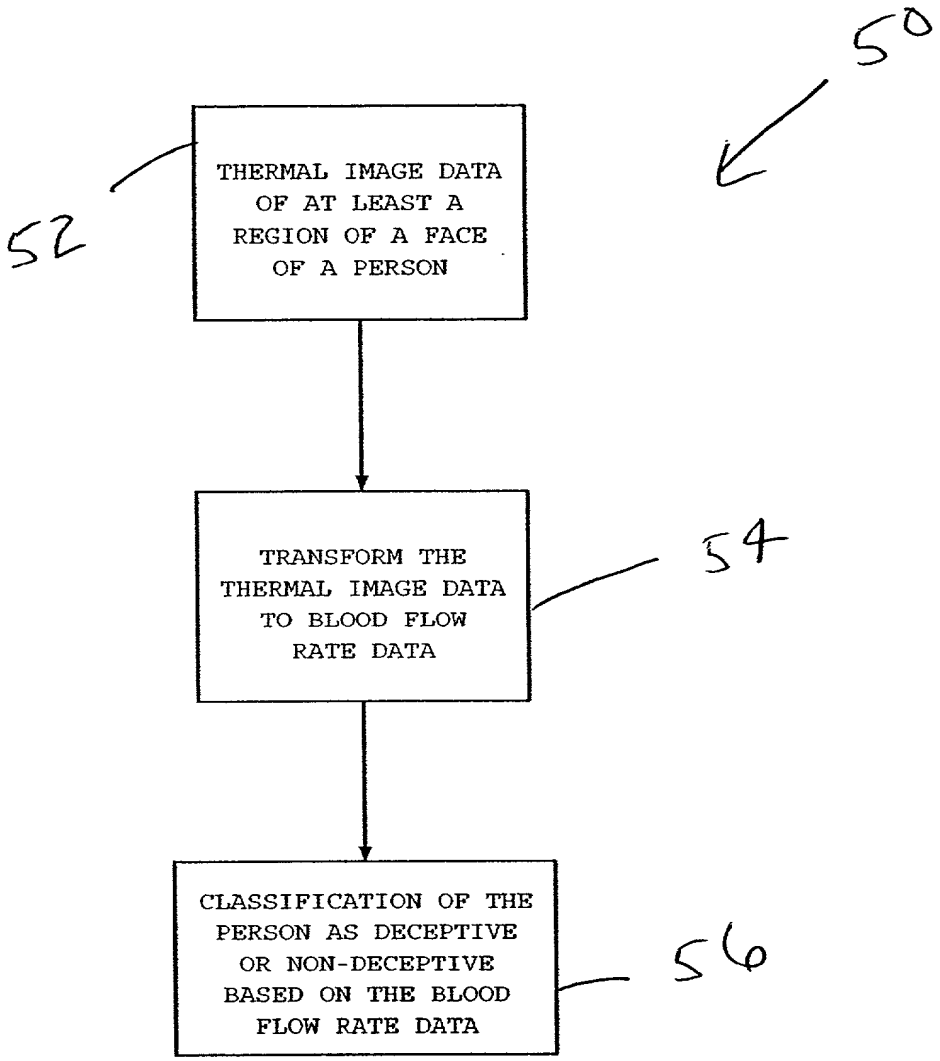
FIGURE 2

FIGURE 3




Doc#: 7398007

FIG. 4




EFS-Web 2.2.5 - 05/30/2006

FIG. 5A

FIG. 6A

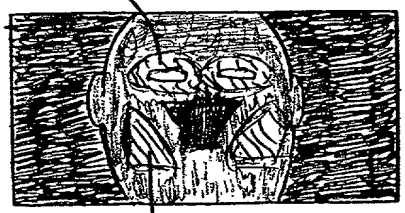



FIG. 5B

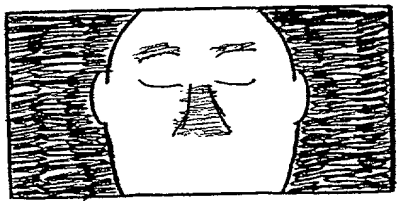


FIG. 6B

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FIG. 7

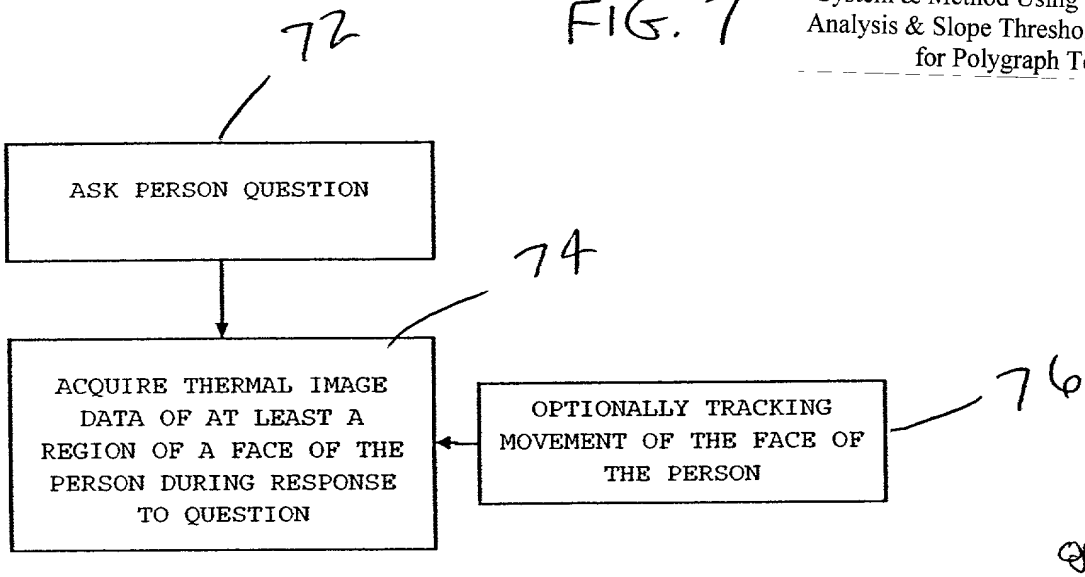


FIG. 8

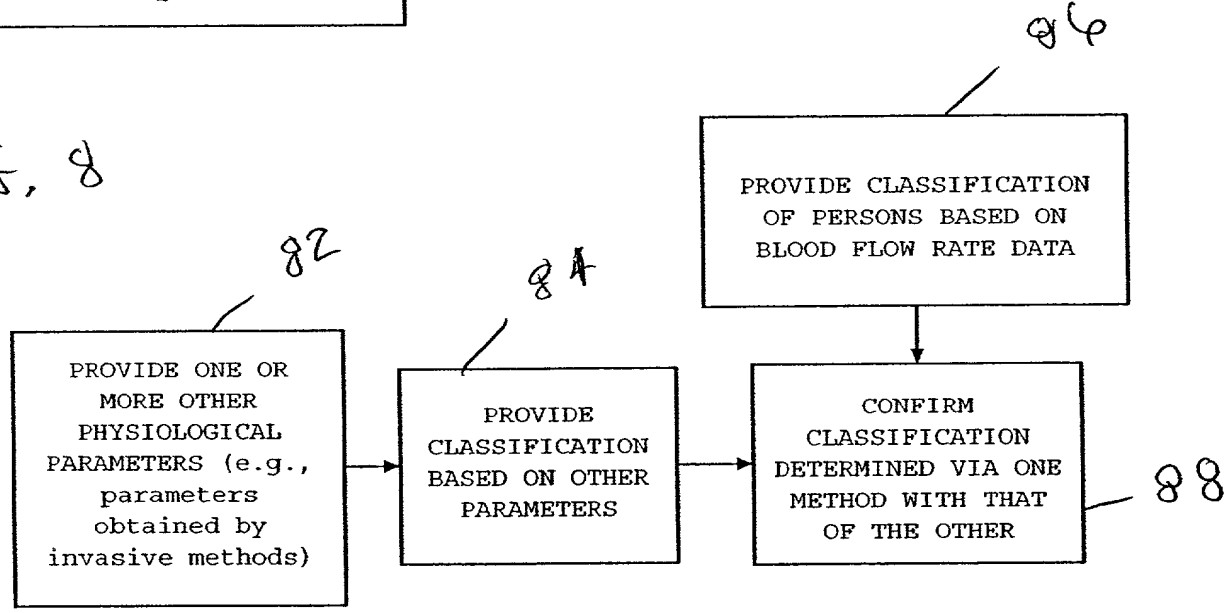


FIG. 9

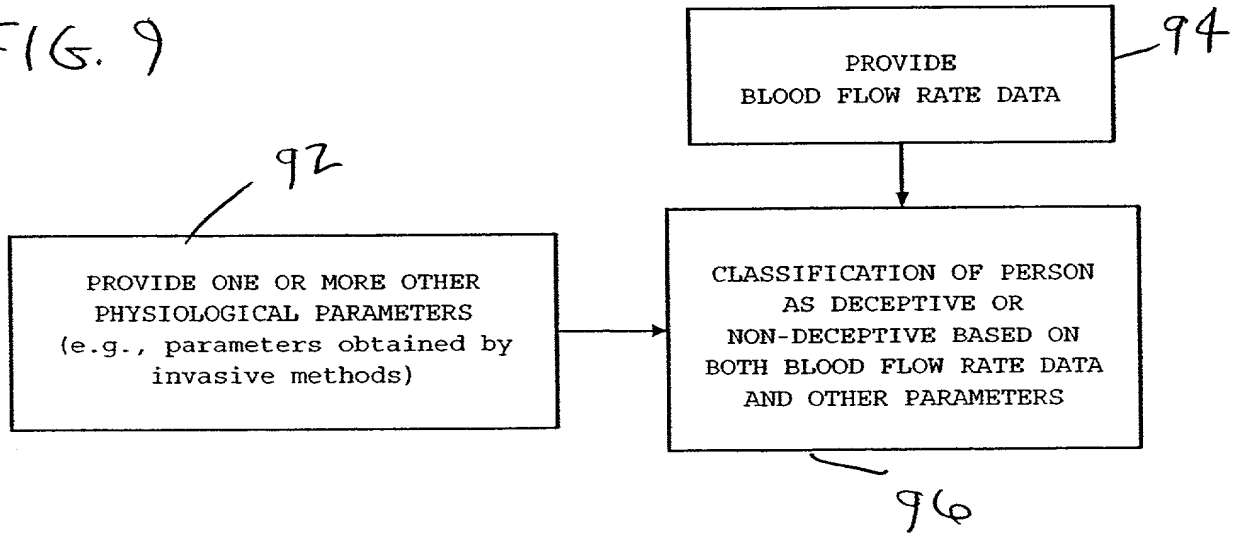

FIG. 10

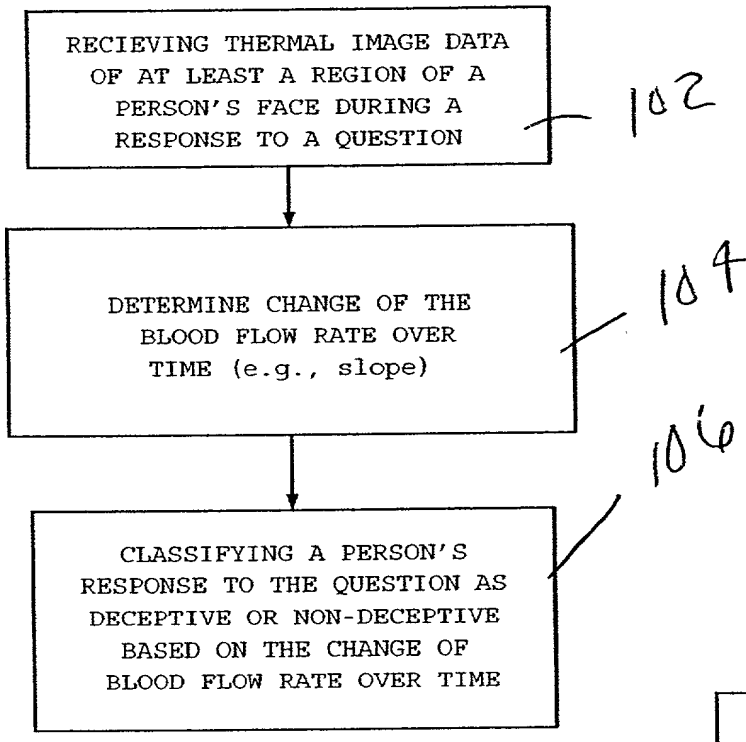


FIG. 11A

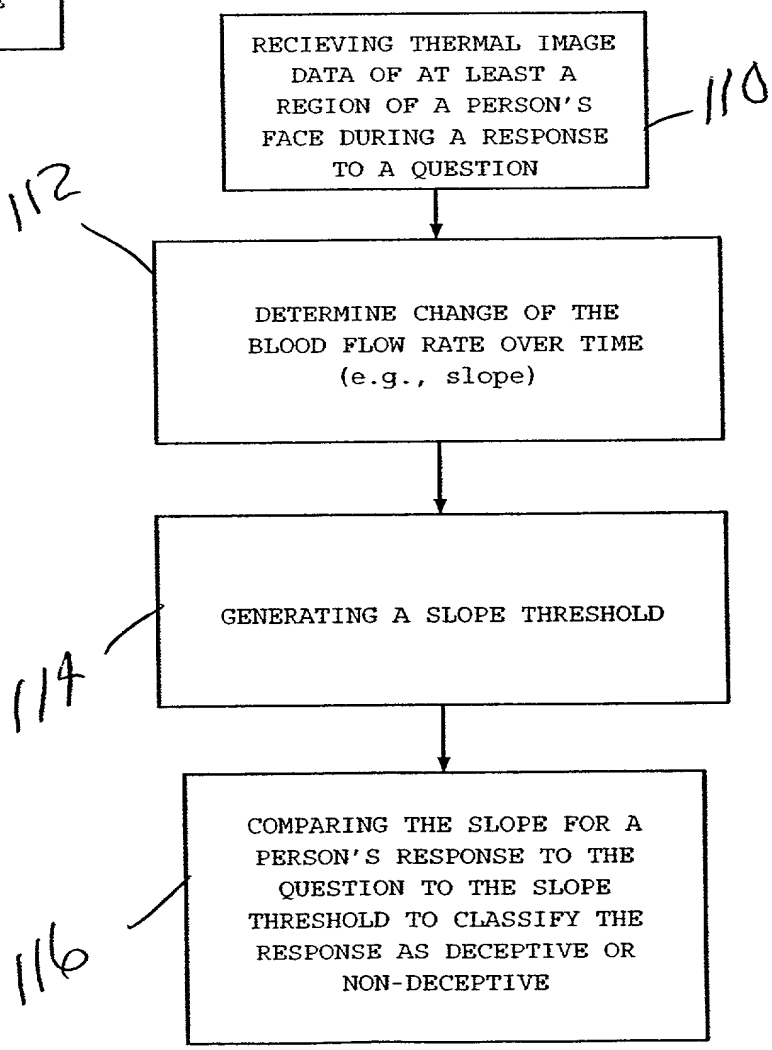


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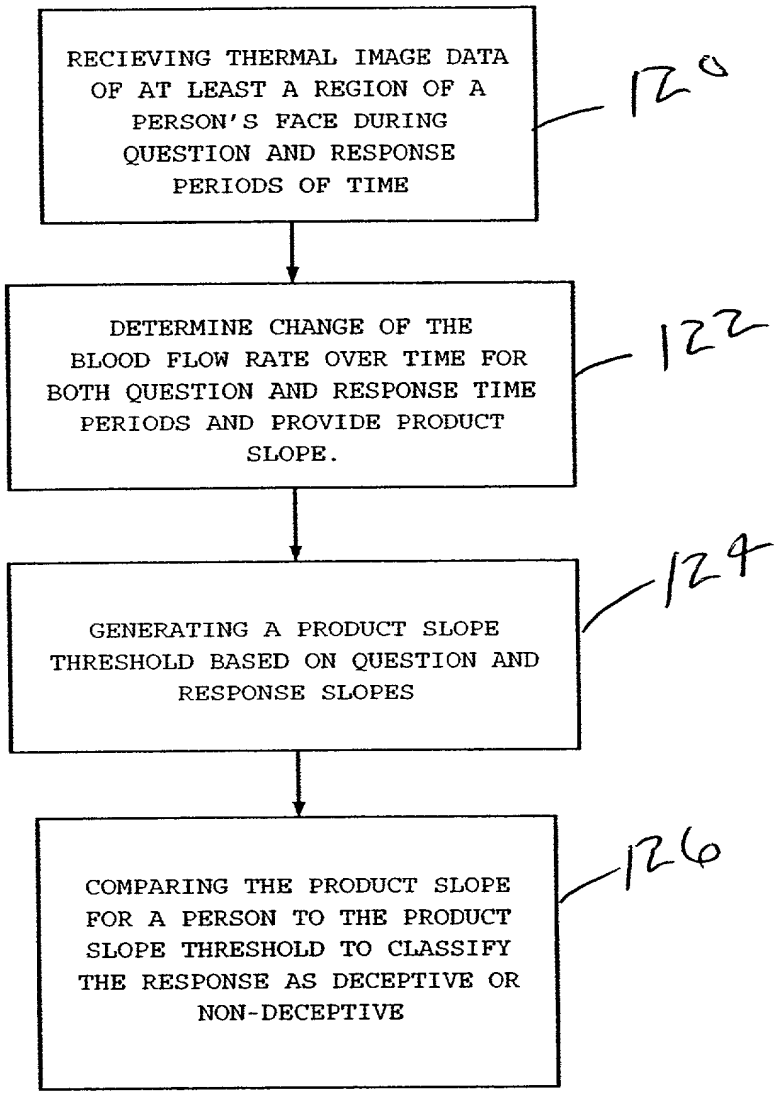
FIG. 11B

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SCANNED, #

IOANNIS PAVLIDIS, ET AL
H0002443-02
John G. Shudy, Jr., Attorney
System & Method Using Thermal Image
Analysis & Slope Threshold Classification
for Polygraph Testing

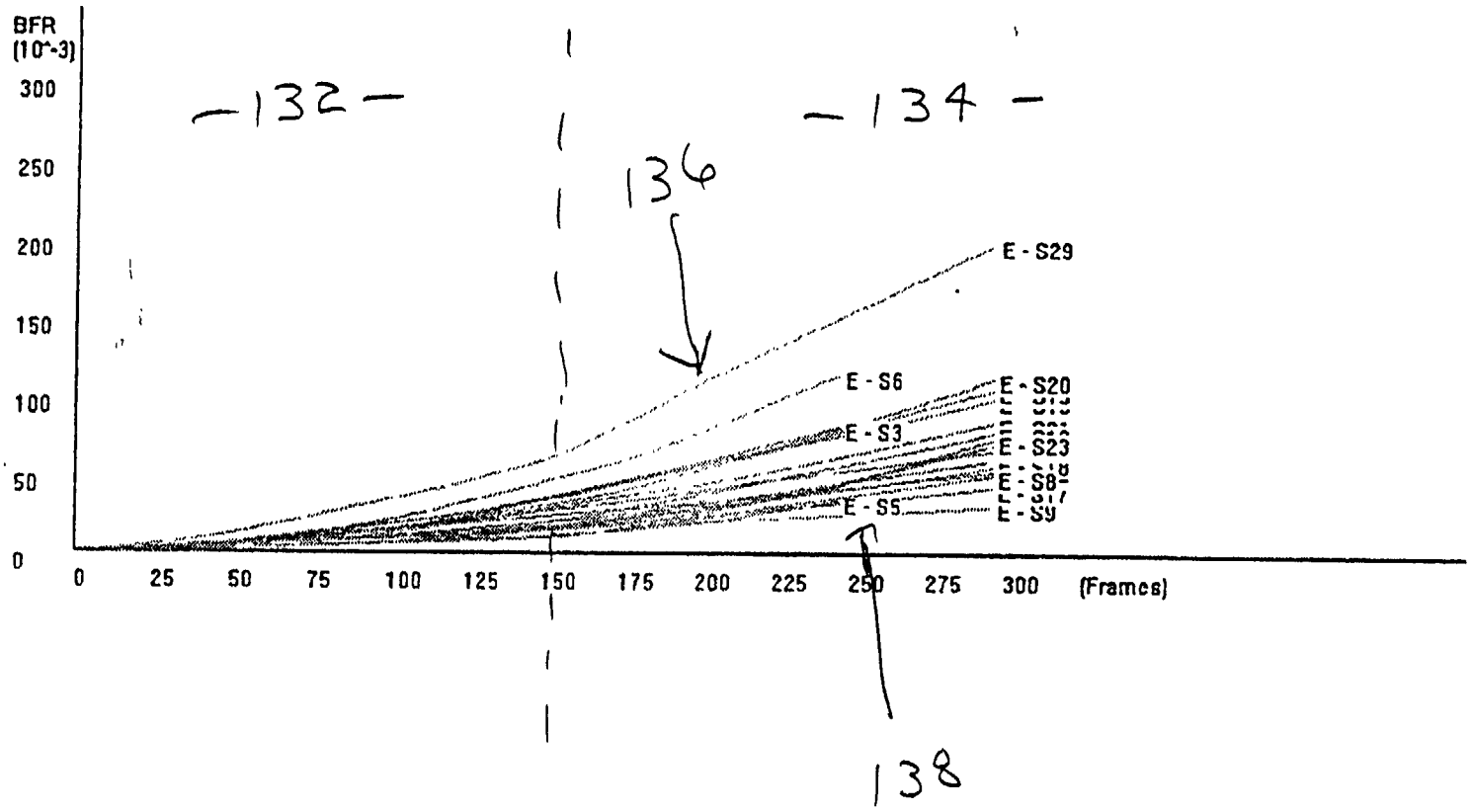


FIG. 12